



## Integrative Cancer Research Special Interest Group Teleconference

### Pathways SIG Meeting Minutes

<b>Date, Time &amp; Location:</b>	August 3, 2004 1:00 – 2:00 EDT
<b>Attendees:</b>	Carl Schaefer – NCI Josh Phillips - NCI Peter Covitz - NCI Ajay Jain – UCSF Craig Beam – Moffit Michael Nebozhyn - Wistar Tom Casavant – Holden Simon Lin – Duke Claire Zhu – BAH Juli Klemm - BAH
<b>Introduction:</b>	<b><u>Roll-call, open meeting, review meeting goals</u></b> <ul style="list-style-type: none"><li>- QPACA presentation</li><li>- QPACA Q &amp; A</li><li>- Pathways Interaction Database presentation</li><li>- Pathways Interaction Database Q &amp; A</li><li>- Set agenda for next meeting</li></ul>
<b>Application Presentations</b>	<b><u>QPACA</u></b> <p>Ajay Jain (UCSF) gave a presentation of QPACA. The slides can be downloaded from: <a href="http://ncicbforums.nci.nih.gov/forums/cabigforum/lfs/icrlfs/SIGs/pathways">http://ncicbforums.nci.nih.gov/forums/cabigforum/lfs/icrlfs/SIGs/pathways</a></p> <b><u>QPACA Q &amp; A</u></b> <ul style="list-style-type: none"><li>- In the pathway language, do edges have meaning? (Juli Klemm)<ul style="list-style-type: none"><li>o Yes. Edges are described by the type of interaction.</li></ul></li><li>- Is there a UI tool that helps with creating a pathway? (Juli Klemm)<ul style="list-style-type: none"><li>o Not yet available – currently created directly with the pathway language. A script has now been developed to translate KEGG and SGD pathways into their pathways language.</li></ul></li><li>- Can one extend the ends of an exiting pathway? (Michael Showe)<ul style="list-style-type: none"><li>o Yes, QPACA does support this.</li></ul></li><li>- Can one make modifications to an exiting pathway?<ul style="list-style-type: none"><li>o This can be done by exporting the pathway in the pathway language, and make the changes in language.</li></ul></li><li>- Does the correlation of a molecule with a pathway degrade as you get closer to the “edges” of a pathway? (Mike Showe)<ul style="list-style-type: none"><li>o We have not observed this pattern. We do see clusters of correlation around individual pathway members – often a transcription factor.</li></ul></li></ul> <b><u>Pathways Interaction Database</u></b>



## Integrative Cancer Research Special Interest Group Teleconference

Carl Schaefer and Josh Phillips gave a presentation of Pathways Interaction Database. The slides will be available for download from:

<http://ncicbforums.nci.nih.gov/forums/cabigforum/lfs/icrlfs/SIGs/pathways>

### Pathways Interaction Database Q & A

- What is the availability of this database? (Juli Klemm)
  - o The plan is to make the database to the public as a development (rather than production) version in the September timeframe.
- Is it a standalone system? (Juli Klemm)
  - o Yes, there is no code dependency on caBIO.
- How does one access the data? (Simon Lin)
  - o Data is currently retrieved with RMI. There is not currently a webservice interface.

### Other Items Discussed

- Please send agenda feedback for the face-to-face meeting. Also, let Juli know who from your center will attend.

### Action Items:

Name Responsible	Action Item	Date Due	Notes
Juli Klemm	Post slides from presentations to the forum	8/10/04	
Juli Klemm	Distribute meeting minutes	8/10/04	
Juli Klemm	Follow up on next meeting's presentation	8/20/04	